DOCUMENT RESUME

ED 226 935 RC 013 921

TITLE	SCOPE (Standardized Curriculum-Oriented Pupil Evaluation) Mathematics. Test Book Kindergarten--Grade One.
INSTITUTION	Northwest Territories Dept. of Education, Yellowknife. Programs and Evaluation Branch.
PUB DATE	[81]
NOTE	57p.; For related documents, see RC 013 920-927. Dr. I.R. Brooks is the developer of the test, originally known as the Achievement Test of Indian Children (ATC).
PUB TYPE	Tests/Evaluation Instruments (160)
EDRS PRICE	MF01/PC03 Plus Postage.
DESCRIPTORS	Addition; *Computation; Criterion Referenced Tests; *Elementary School Mathematics; Geometric Constructions; *Grade 1; *Kindergarten; Primary Education; Quantitative Tests; Ratios (Mathematics); Subtraction; Test Items
IDENTIFIERS	Money; *Standardized Curriculum Oriented Pupil Evaluation

ABSTRACT

Following instructions provided in the teacher's manual, the SCOPE Mathematics Achievement Test booklet for grades K-1 presents 11 mathematical concepts. Testing items include: building appropriate sets; matching equivalent sets; reproducing a given pattern; selecting and/or making an object that is bigger than or smaller than a given object; counting the number of objects in a set of 10; using ordinals to fifth; forming the numerals; finding the number before or after a given number from 0 to 10; finding a number between two given numbers from 0 to 10; stating basic facts involving sums and minuends to 9; identifying and naming coins; estimating and measuring using non-standard and standard units; recognizing and naming triangle, rectangle, square, and circle; and telling time to the hour. (ERB)

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ED226935

Scope

Standardized Curriculum - Oriented Pupil Evaluation

MATHEMATICS

[1981]

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Test Book

Kindergarten — Grade One

RC013921

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5.1a Builds appropriate sets.

In this space let's draw 1 circle.
Watch me.
Now you draw 1 circle in your books.

Draw 2 circles here.

1

1

2

Draw 5 circles here.

3

Draw 9 circles here.

4 *Draw 4 circles here.*

5 *Draw 6 circles here.*

5

6

Draw 8 circles here.

7

Draw 3 circles here.

STOP

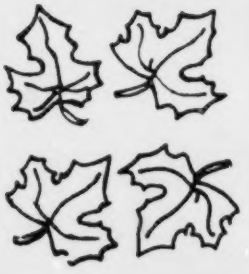
6

5.1b. *Matches equivalent sets.*

Look at these groups. How many caribou are in this group? How many are in this group? There is one in this group, two in this group, and one here. Which group has the same number as this one? (point to the top group.) This one does. They both have 1 caribou. Let's draw a line from this group to this group to show that they both have the same number of caribou. Watch me. Now you draw a line from the caribou at the top to this one here.

Draw a line from the group at the top to the group at the bottom with the same number of leaves.

8

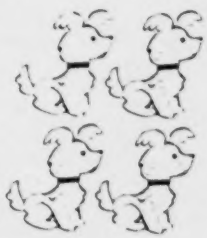


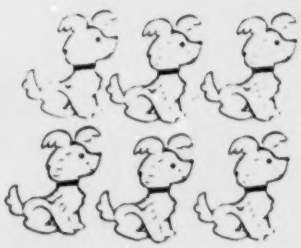
9

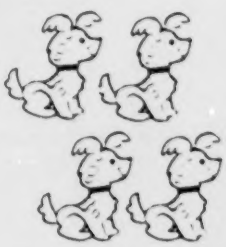
Draw a line from the group at the top to the group at the bottom with the same number of stars.

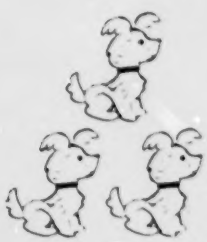
10

Draw a line from the group at the top to the group at the bottom with the same number of puppies.









11

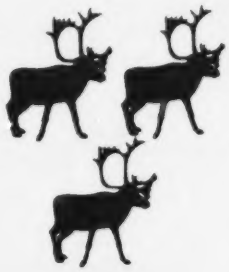
Draw a line from the group at the top to the group at the bottom with the same number of bugs.

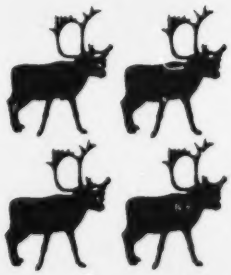
12

Draw a line from the group at the top to the group at the bottom with the same number of leaves.

13

Draw a line from the group at the top to the group at the bottom with the same number of caribou.





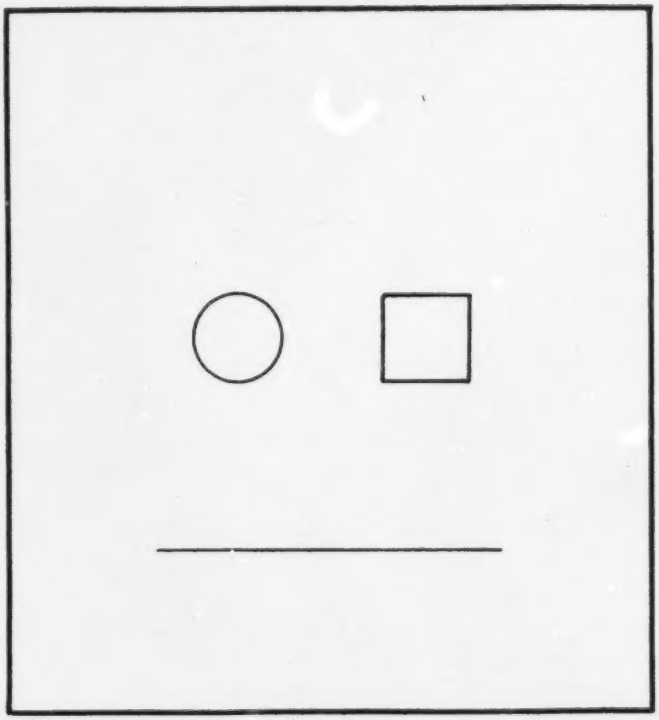
14

Draw a line from the group at the top to the group at the bottom with the same number of stars.

STOP

5.2 *Reproduces a given pattern.*

Look at this pattern. Let's draw the same pattern here. Watch me. Now you draw the same pattern in the space.

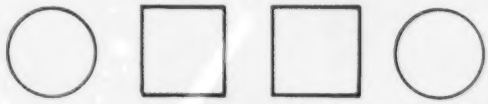


Make a set like this one.

15

16

Make a set like this one.



17

Make a set like this one.

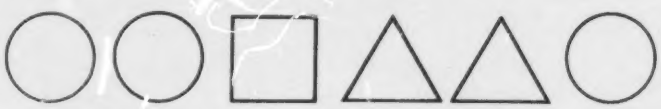
18

Make a set like this one.

_____

19

Make a set like this one.



_____

20

Make a set like this one.

21

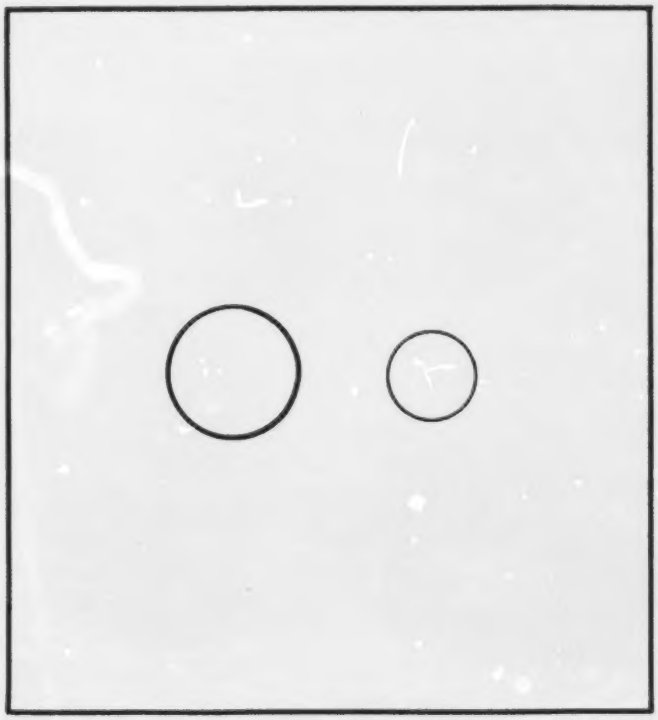
Make a set like this one.

STOP

14

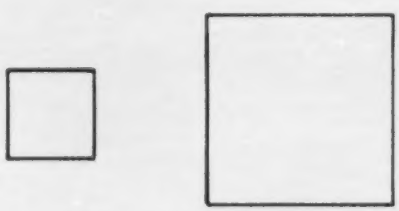
10.1 Selects and/or makes an object that is bigger than or smaller than a given object.

Look at these two circles. Are they the same size? No. Let's mark the bigger circle. (Put an x on the bigger circle). Watch me. Now you mark the bigger circle.



22

Mark the smaller square.

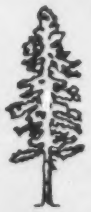


23 *Mark the bigger tree.*

24 *Make a circle that is bigger than this one.*

25 *Make a square that is smaller than this one.*

26 *Make a tree that is bigger than this one.*



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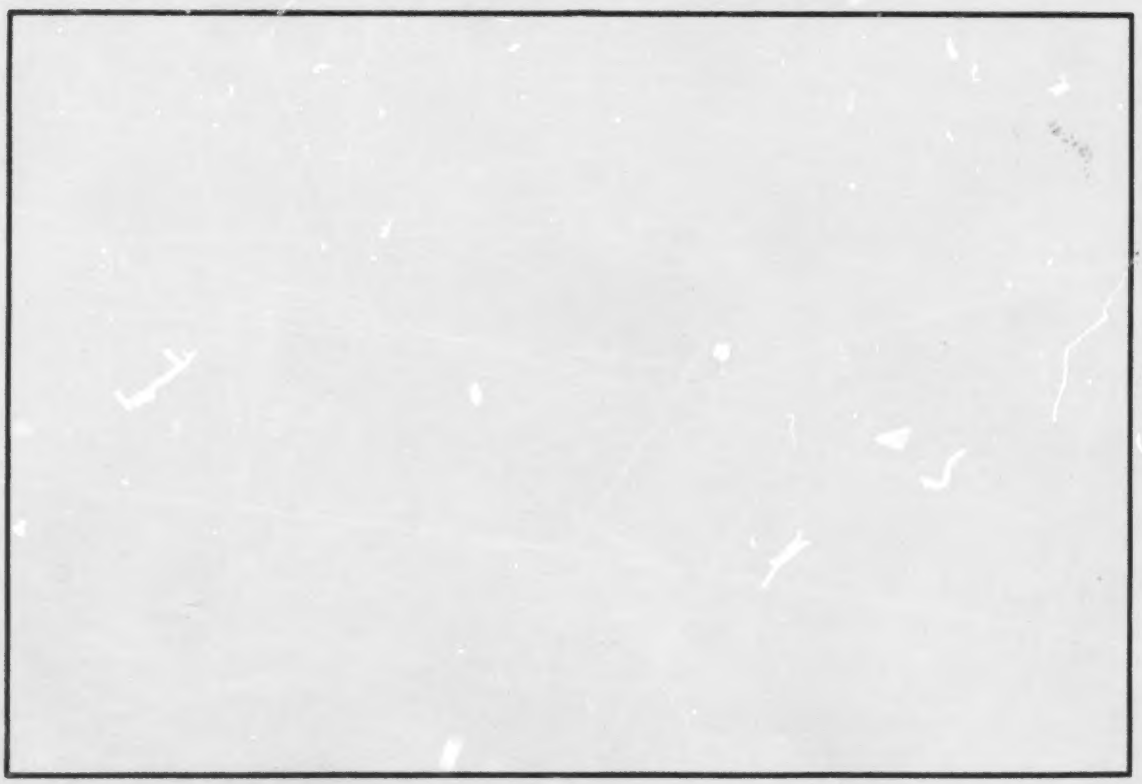
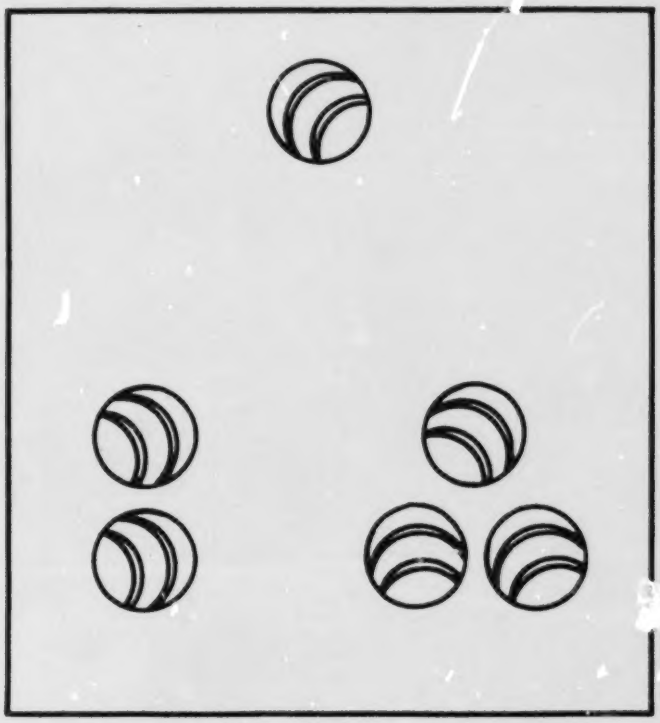


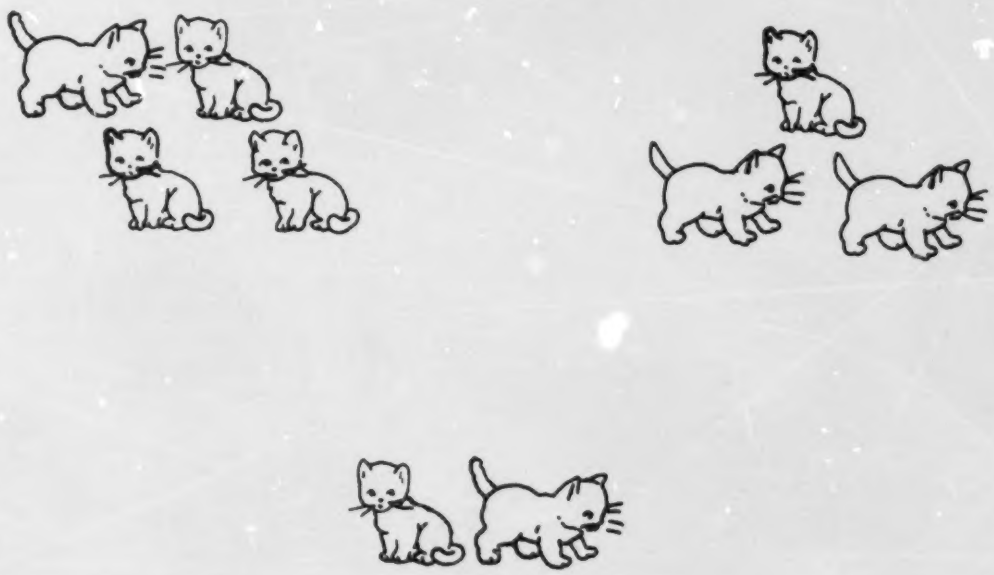
1.1a Counts the number of objects in a set of 10.

Look at these pictures. Which group has one ball? Here is 1 ball. Let's mark 1 ball. (Put an x on the ball). Now you mark 1 ball.



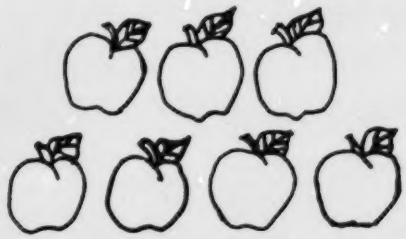
Look at these pictures. Mark the group with 3 cats.

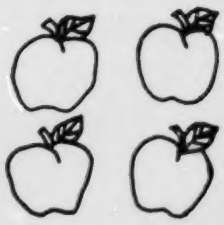
27



28

Look at these pictures. Mark the group with 4 apples.





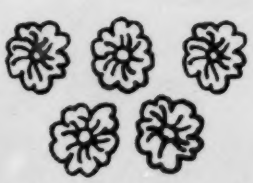
29

Look at these pictures. Mark the group with 0 stars.

20

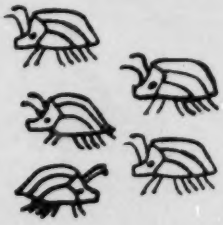
30

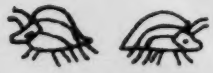
Mark the group with 5 flowers.



31

Mark the group with 2 bugs.





32

Mark the group with 7 apples.

33

Mark the group with 10 bugs.

STOP

1.1b Uses ordinals to fifth.

Look at these chicks. Which is the first chick? Let's count from left to right. Let's mark the first chick. Watch me. (Put an x on the first chick). Now you mark the first chick.

Look at these fish. Mark the <u>first</u> fish.

34

35

Look at these fish. This is the first fish (point to it). Mark the <u>fifth</u> fish.

36

Look at these caribou. This is the first caribou. Mark the <u>fourth</u> caribou.

37

Look at these puppies. This is the first puppy. Mark the third puppy.

38

Look at these rabbits. This is the first rabbit. Mark the second rabbit.

39

Look at these caribou. This is the first caribou. Mark the last caribou.

1.3 Forms the numerals.

In this space, let's print the number one. Watch me. Now you make a 1 here.

Print the number five here.

40

41 *Print the number eight here.*

42 *Print the number two here.*

43

Print the number nine here.

44

Print the number three here.

45

Print the number seven here.

46

Print the number six here.

STOP

30

1.5 Finds the number before or after a given number from 0 to 10.
Finds a number between two given numbers from 0 to 10.

Look at these numbers. Which number goes between 2 and 4? Three goes between 2 and 4. Let's print 3 in the space. Watch me. Now you print 3 in the space.

2, ____, 4

Write the missing numbers in the spaces here.

47

2, ____, ____, 5, ____, 7

48

Write the missing numbers in the spaces here.

____, 3, ____, 5, ____

49

Write the missing numbers in the spaces here.

____, 6, ____, 8, ____

50

Write the missing numbers in the spaces here.

____, 7, ____, ____, 10

51

Write the missing numbers in the spaces here.

____, 1, ____, 3, ____, 5

52

Write the missing numbers in the spaces here.

____, 3, ____, ____, 6, 7

53

Write the missing numbers in the spaces here.

5, ____, 7, ____, 9, ____

STOP

2.1a States basic facts involving sums (and minuends) to 9.

Look at this question. How many is one plus one? Two. Let's print 2 here. Watch me. Now you print 2 here.

1 + 1 = ____

Answer this question.

54

1 + 2 = ____

55

Answer this question.

$2 + 2 = ____$

56

Answer this question.

$3 + 4 = ____$

57

Answer this question.

$7 + 2 = ____$

58

Answer this question.

$4 + 1 = ____$

59

Answer this question.

$5 + 3 = ____$

60

Answer this question.

$4 + 2 = ____$

STOP

2.1b States basic facts involving (sums and) minuends to 9.

Look at this question. How many is two minus one? One. Let's print 1 here. Watch me. Now you print 1 here.

$$2 - 1 = ____$$

61

Answer this question.

$$6 - 2 = ____$$

62

Answer this question.

$$7 - 4 = ____$$

63

Answer this question.

$$9 - 3 = ____$$

64

Answer this question.

$5 - 3 = ____$

65

Answer this question.

$8 - 5 = ____$

66

Answer this question.

$$9 - 5 = ____$$

67

Answer this question.

$$4 - 2 = ____$$

STOP

6.1 Identifies (and names) 1¢, 5¢, 10¢, 25¢ coins.

Look at this money. Which is the penny? Let's mark the penny. Watch me. (Put an x on the penny). Now you mark the penny.

Mark the quarter.

68

69 *Mark the nickel.*

70 *Mark the dime.*

71 *Mark the coin that is worth 5¢.*

72 *Mark the coin that is worth 1¢.*

73 *Mark the coin that is worth 25¢.*

74 *Mark the coin that is worth 10¢.*

STOP

46

10.1 (Estimates and) measures using (non-standard) and standard units.

Look at this line. How long is it? Let's use our ruler to find out how long it is. It is 2 cm long. Let's write the answer in the space provided. Watch me. Now you write 2 cm here.

_____

_____ *cm*

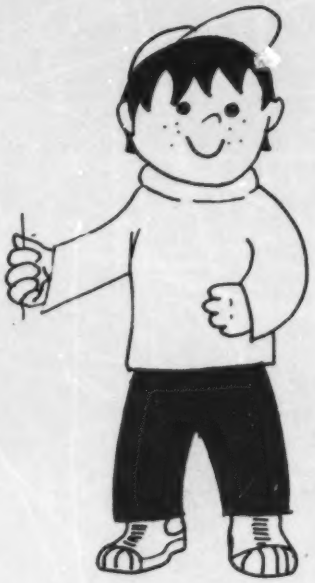
How long is this line?

75

_____

_____ *cm*

76 *How tall is this boy?*



_____ *cm*

77 *How long is this fish?*

_____ *cm*

18

78 *How long is this log?*

_____ *cm*

79 *How long is this rope?*

_____ *cm*

80 *How high is this tree?*

_____ *cm*

81 *How tall is this bear?*

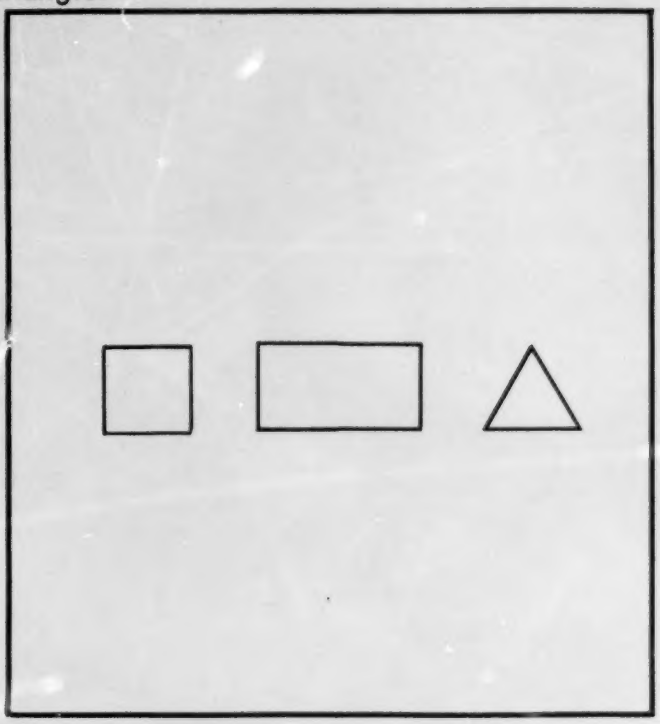
_____ *cm*

STOP

10.2 Recognizes and names triangle, rectangle, square.

11.2 Recognizes square, circle, triangle.

Look at these three shapes. Which is the triangle? This one. Let's mark the triangle. Watch me. (Put an x on the triangle). Now you mark the triangle.

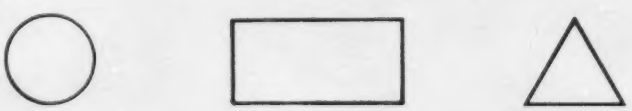


82

Mark the RECTANGLE.

83 *Mark the SQUARE.*

84 *Mark the CIRCLE.*



STOP

52

10.7 Tells time to the hour.

Look at this clock. What time does it say? It says 10 o'clock. Let's write 10 o'clock here. Watch me. Now you write 10 o'clock here.

_____ o'clock

85

What time does this clock say? Write the time in the space.

_____ o'clock

86

Write the time on the clock in the space.

_____ o'clock

87

Write the time on the clock in the space.

_____ o'clock

88

Write the time on the clock in the space.

_____ o'clock

89

Write the time on the clock in the space.

_____ o'clock

90

Make this clock say 7 o'clock.

7 o'clock

91

Make this clock say 5 o'clock.

5 o'clock

STOP

56

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